

checking the memory capacity in the mobile radio device prior to the transmission of at least two linked short messages to the mobile radio device; and

sending the short message after the checking determines that there is sufficient memory space to receive the short message.

2. (Amended) The method according to claim 1, wherein the check of the memory capacity in the mobile radio network is based on the free memory space indicated by the mobile radio device.

3. (Amended) The method according to claim 2, wherein the check of the memory capacity takes place in a service center of a provider.

4. (Amended) The method according to claim 2, wherein the check of the memory capacity takes place in a Home Location Register.

5. (Amended) The method according to claim 1, wherein the check of the memory capacity takes place in the mobile radio device.

6. (Amended) The method according to claim 1, wherein information about a total number of linked short messages in a first short message that is transmitted is used for checking the memory capacity in the mobile radio device.

7. (Amended) The method according to claim 6, wherein, when there is insufficient memory capacity, the mobile radio device sends an error message to the mobile network, and an entry is created in a Home Location Register or Service Center of the network.

8. (Amended) The method according to claim 6, wherein when there is sufficient memory capacity, the mobile radio device sends a message about the sufficient memory capacity to the mobile network, and the linked short messages are transmitted.

9. (Amended) The method according to claim 6, wherein in the event that sufficient memory capacity is available at a later time, the mobile network transmits a message about the

sufficient memory space to the mobile radio network, and the Home Location Register or the Service Center of the network searches linked short messages that have not been sent, and transmits them to the available memory space in the mobile radio device.

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10. The method according to claim 1, wherein information about the amount of available memory is transmitted in a delivery report of an RP-ACK response.

Please add new claim 11 as follows:

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11. (New) A system for announcing and transmitting linked short messages, comprising:
a service provider and a mobile radio device, wherein prior to the transmission of at least two linked short messages to the mobile radio device, the memory capacity in the mobile radio device is checked, and the short message is sent after it has been determined that sufficient memory space is available.

In the Abstract:

Please replace the Abstract with the substitute Abstract attached hereto.

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